

REMARKS

Claims 1-20 are pending in the application.

Claims 1-20 are subject to a restriction and election requirement.

Specifically, the Examiner states that:

1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - I. Claims 1-5, drawn to an apparatus for testing in an application environment, classified in class 324, subclass 765.
 - II. Claims 6-20, drawn to a method for testing an optical component, classified in class 324, subclass 158.1.

The inventions are distinct, each from the other because of the following reasons:

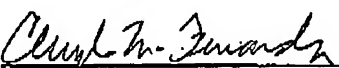
2. Inventions I and II are related as process and apparatus for its practice. The inventions are distinct if it can be shown that either: (1) the process as claimed can be practiced by another materially different apparatus or by hand, or (2) the apparatus as claimed can be used to practice another and materially different process. (MPEP § 806.05(e)). In this case the apparatus can be used another different process such as transmitting a high-speed electrical signal from the golden high-speed electrical component to the optical component; and identifying a response by the optical component to the high-speed electrical signal.
3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.
4. Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II, restriction for examination purposes as indicated is proper.
5. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper. (7/27/05 Office Action, pp. 2-3)

The Applicants elect Claims 6-20 and cancel Claims 1-5 without prejudice. In addition, the Applicants add new Claims 21-25. Support for new Claims 21-25 is found in pages 2-11 of the specification and FIGs. 1-2.

If there are any charges, please charge them to our Deposit Account No. 500-654.

Respectfully submitted,

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By: 
Cheryl M. Fernandez
Reg. No. 52,611

Tellabs Operations, Inc.
One Tellabs Center
1415 W. Diehl Rd. MS 16
Naperville, IL 60563
ph: (630) 798-3019
fax: (630) 798-3231